

10/734,850

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1204bxd

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 6 SEP 27 STANDARDS will no longer be available on STN  
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN  
NEWS 8 OCT 28 KOREAPAT now available on STN  
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current  
search transcripts to be affected by CERAB, COMPUAB, ELCOM,  
and SOLIDSTATE reloads  
NEWS 10 NOV 30 PHAR reloaded with additional data  
NEWS 11 DEC 01 LISA now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:16:22 ON 02 DEC 2004

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:16:30 ON 02 DEC 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6  
DICTIONARY FILE UPDATES: 1 DEC 2004 HIGHEST RN 791553-15-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

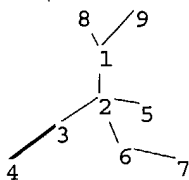
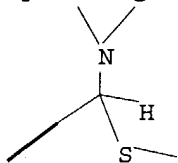
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10734850.str



chain nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

1-2 1-8 1-9 2-3 2-5 2-6 3-4 6-7

exact/norm bonds :

1-2 1-8 1-9 2-6 6-7

exact bonds :

2-3 2-5 3-4

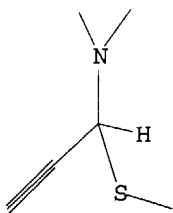
Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

L1 STRUCTURE UPLOADED

=> d query

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 17:16:47 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE  
  
100.0% PROCESSED 3 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 3 TO 163  
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full  
FULL SEARCH INITIATED 17:16:54 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 5 ANSWERS  
SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> fil caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 155.42 155.63

FILE 'CAPLUS' ENTERED AT 17:16:57 ON 02 DEC 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 2 Dec 2004 VOL 141 ISS 23  
FILE LAST UPDATED: 1 Dec 2004 (20041201/ED)

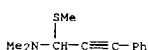
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3  
L4 2 L3  
  
=> d l4 1-2 abs ibib hitstr

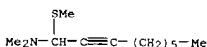
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AB An alkynyl S,N-acetal derivative of the present invention is represented by  
 the following structural formula I, wherein R1 represents a hydrogen atom,  
 an alkyl group, an aryl group, an alkenyl group, a silyl group, or an alkynyl group; each of R2 and R3 represents an alkyl group or an allyl group; and R4 represents an alkyl group. The alkynyl S,N-acetal derivative, a novel compound, is useful as a raw material of propargylamine.  
 ACCESSION NUMBER: 2004:701851 CAPLUS  
 DOCUMENT NUMBER: 141:206822  
 TITLE: Alkynyl S,N-acetal derivative and method of producing the same  
 INVENTOR(S): Mural, Toshiaki; Mutoh, Yuichiro  
 PATENT ASSIGNEE(S): Gifu University, USA  
 SOURCE: U.S. Pat. Appl. Publ., 6 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.            | KIND | DATE     | APPLICATION NO. | DATE       |
|-----------------------|------|----------|-----------------|------------|
| US 2004167346         | A1   | 20040826 | US 2003-734850  | 20031211   |
| JP 2004256400         | A2   | 20040916 | JP 2003-46332   | 20030224   |
| PRIORITY APLN. INFO.: |      |          | JP 2003-46332   | A 20030224 |

OTHER SOURCE(S): MARPAT 141:206822  
 IT 705262-05-1P 744245-90-7P 744245-94-1P  
 744245-97-4P 744246-01-3P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (alkynyl S,N-acetal derivative and method of producing the same)  
 RN 705262-05-1 CAPLUS  
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)

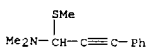


RN 744245-90-7 CAPLUS  
 CN 2-Nonyn-1-amine, N,N-dimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)



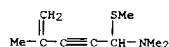
RN 744245-94-1 CAPLUS  
 CN 4-Penten-2-yn-1-amine, N,N,4-trimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AB Sequential reactions of thioiminium salts generated from thioamides and Me  
 triflate with organolithium and -magnesium reagents proceed smoothly to give tertiary propargylamines in moderate to high yields. In all cases, two different organometallic reagents are incorporated into the starting thioamides.  
 ACCESSION NUMBER: 2004:344138 CAPLUS  
 DOCUMENT NUMBER: 141:53987  
 TITLE: Synthesis of Tertiary Propargylamines by Sequential Reactions of in Situ Generated Thioiminium Salts with Organolithium and -magnesium Reagents  
 AUTHOR(S): Mural, Toshiaki; Mutoh, Yuichiro; Ohta, Yukiyasu; Murakami, Masahiro  
 CORPORATE SOURCE: Department of Chemistry, Faculty of Engineering, Gifu University, Gifu, 501-1193, Japan  
 SOURCE: Journal of the American Chemical Society (2004), 126(19), 5968-5969  
 CODEN: JACSAT; ISSN: 0002-7863  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 141:53987  
 IT 705262-05-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (synthesis of tertiary propargylamines by sequential reactions of thioamides with organolithium and -magnesium reagents)  
 RN 705262-05-1 CAPLUS  
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-phenyl- (9CI) (CA INDEX NAME)

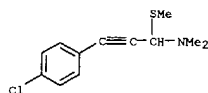


REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

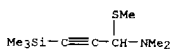
L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (continued)



RN 744245-97-4 CAPLUS  
 CN 2-Propyn-1-amine, 3-(4-chlorophenyl)-N,N-dimethyl-1-(methylthio)- (9CI) (CA INDEX NAME)



RN 744246-01-3 CAPLUS  
 CN 2-Propyn-1-amine, N,N-dimethyl-1-(methylthio)-3-(trimethylsilyl)- (9CI) (CA INDEX NAME)



=> logoff y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

11.28

166.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.40

-1.40

STN INTERNATIONAL LOGOFF AT 17:19:20 ON 02 DEC 2004